Rob J Toonen

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/640821/publications.pdf

Version: 2024-02-01

225	12,368	36691	37326
papers	citations	53 h-index	100 g-index

242	242	242	12833
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Sponging up diversity: Evaluating metabarcoding performance for a taxonomically challenging phylum within a complex cryptobenthic community. Environmental DNA, 2022, 4, 239-253.	3.1	10
2	Unveiling hidden sponge biodiversity within the Hawaiian reef cryptofauna. Coral Reefs, 2022, 41, 727-742.	0.9	16
3	Metabarcoding as a tool to examine cryptic algae in the diets of two common grazing surgeonfishes, Acanthurustriostegus and A. nigrofuscus. Environmental DNA, 2022, 4, 135-146.	3.1	8
4	A phylogenomic examination of Palmyra Atollâ€™s corallimorpharian invader. Coral Reefs, 2022, 41, 673-685.	0.9	5
5	Quantifying the diet diversity of herbivorous coral reef fishes using systematic review and DNA metabarcoding. Environmental DNA, 2022, 4, 191-205.	3.1	13
6	Physiological acclimatization in Hawaiian corals following a 22-month shift in baseline seawater temperature and pH. Scientific Reports, 2022, 12, 3712.	1.6	9
7	Growth and survival among Hawaiian corals outplanted from tanks to an ocean nursery are driven by individual genotype and species differences rather than preconditioning to thermal stress. PeerJ, 2022, 10, e13112.	0.9	8
8	Coralâ€bleaching responses to climate change across biological scales. Global Change Biology, 2022, 28, 4229-4250.	4.2	44
9	Assessing the vulnerability of marine life to climate change in the Pacific Islands region. PLoS ONE, 2022, 17, e0270930.	1.1	6
10	Increasing comparability among coral bleaching experiments. Ecological Applications, 2021, 31, e02262.	1.8	68
11	Evolutionary genomics of endangered Hawaiian tree snails (Achatinellidae: Achatinellinae) for conservation of adaptive capacity. PeerJ, 2021, 9, e10993.	0.9	7
12	Isotopic approaches to estimating the contribution of heterotrophic sources to Hawaiian corals. Limnology and Oceanography, 2021, 66, 2393-2407.	1.6	21
13	Environmental gradients drive physiological variation in Hawaiian corals. Coral Reefs, 2021, 40, 1505-1523.	0.9	8
14	Effect of species, provenance, and coral physiology on the composition of Hawaiian coral-associated microbial communities. Coral Reefs, 2021, 40, 1537-1548.	0.9	4
15	Dongsha Atoll is an important stepping-stone that promotes regional genetic connectivity in the South China Sea. PeerJ, 2021, 9, e12063.	0.9	3
16	Genomic divergence and differential gene expression between crustacean ecotypes across a marine thermal gradient. Marine Genomics, 2021, 58, 100847.	0.4	1
17	Poor data stewardship will hinder global genetic diversity surveillance. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	31
18	Inclusivity is key to progressing coral biodiversity research: Reply to comment by Bonito et al. (2021). Molecular Phylogenetics and Evolution, 2021, 162, 107135.	1.2	1

#	Article	IF	Citations
19	Biodiversity of coral reef cryptobiota shuffles but does not decline under the combined stressors of ocean warming and acidification. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	21
20	A codeveloped management tool to determine harvest limits of introduced mud crabs,. Pacific Conservation Biology, 2021, 27, 418-431.	0.5	2
21	Community similarity and species overlap between habitats provide insight into the deep reef refuge hypothesis. Scientific Reports, 2021, 11, 23787.	1.6	1
22	CoralCam: A flexible, low-cost ecological monitoring platform. HardwareX, 2020, 7, e00089.	1.1	9
23	Building a global genomics observatory: Using GEOME (the Genomic Observatories Metadatabase) to expedite and improve deposition and retrieval of genetic data and metadata for biodiversity research. Molecular Ecology Resources, 2020, 20, 1458-1469.	2.2	32
24	The legacy of stress: Coral bleaching impacts reproduction years later. Functional Ecology, 2020, 34, 2315-2325.	1.7	46
25	Host-symbiont coevolution, cryptic structure, and bleaching susceptibility, in a coral species complex (Scleractinia; Poritidae). Scientific Reports, 2020, 10, 16995.	1.6	33
26	Multi-model seascape genomics identifies distinct environmental drivers of selection among sympatric marine species. BMC Evolutionary Biology, 2020, 20, 121.	3.2	11
27	Is post-bleaching recovery of Acropora hyacinthus on Palau via spread of local kin groups?. Coral Reefs, 2020, 39, 687-699.	0.9	4
28	Evolutionary biogeography of the reef-building coral genus Galaxea across the Indo-Pacific ocean. Molecular Phylogenetics and Evolution, 2020, 151, 106905.	1.2	20
29	Species Radiations in the Sea: What the Flock?. Journal of Heredity, 2020, 111, 70-83.	1.0	20
30	Abundance, size, and survival of recruits of the reef coral Pocillopora acuta under ocean warming and acidification. PLoS ONE, 2020, 15, e0228168.	1.1	29
31	Genomics versus mtDNA for resolving stock structure in the silky shark (Carcharhinus) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50	0.9	24
32	Unexpectedly high genetic diversity in a rare and endangered seabird in the Hawaiian Archipelago. PeerJ, 2020, 8, e8463.	0.9	5
33	Genetic structure is stronger across human-impacted habitats than among islands in the coralPorites lobata. PeerJ, 2020, 8, e8550.	0.9	17
34	Atlantia, a new genus of Dendrophylliidae (Cnidaria, Anthozoa, Scleractinia) from the eastern Atlantic. PeerJ, 2020, 8, e8633.	0.9	8
35	Title is missing!. , 2020, 15, e0228168.		0
36	Title is missing!. , 2020, 15, e0228168.		0

#	Article	IF	Citations
37	Title is missing!. , 2020, 15, e0228168.		0
38	Title is missing!. , 2020, 15, e0228168.		0
39	The complete mitochondrial genome of the Band-rumped Storm Petrel (Oceanodroma castro). Mitochondrial DNA Part B: Resources, 2019, 4, 1271-1272.	0.2	3
40	Re-description of type material of Xenia Lamarck, 1816 (Octocorallia:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 622 T	0.2	6
41	Rare coral under the genomic microscope: timing and relationships among Hawaiian Montipora. BMC Evolutionary Biology, 2019, 19, 153.	3.2	16
42	RADseq population genomics confirms divergence across closely related species in blue coral (Heliopora coerulea). BMC Evolutionary Biology, 2019, 19, 187.	3.2	12
43	Present-Day Distribution and Potential Spread of the Invasive Green Alga Avrainvillea amadelpha Around the Main Hawaiian Islands. Frontiers in Marine Science, 2019, 6, .	1.2	8
44	Diversity and Structure of Parrotfish Assemblages across the Northern Great Barrier Reef. Diversity, 2019, 11, 14.	0.7	19
45	American Samoa. Coral Reefs of the World, 2019, , 387-407.	0.3	3
46	The Hawaiian Archipelago. Coral Reefs of the World, 2019, , 445-464.	0.3	11
47	Adaptive responses and local stressor mitigation drive coral resilience in warmer, more acidic oceans. Proceedings of the Royal Society B: Biological Sciences, 2019, 286, 20190614.	1.2	47
48	The molecular biogeography of the Indoâ€Pacific: Testing hypotheses with multispecies genetic patterns. Global Ecology and Biogeography, 2019, 28, 943-960.	2.7	43
49	Evidence of local adaptation in a waterfall-climbing Hawaiian goby fish derived from coupled biophysical modeling of larval dispersal and post-settlement selection. BMC Evolutionary Biology, 2019, 19, 88.	3.2	9
50	High heritability of coral calcification rates and evolutionary potential under ocean acidification. Scientific Reports, 2019, 9, 20419.	1.6	29
51	A coalescent sampler successfully detects biologically meaningful population structure overlooked by F â€statistics. Evolutionary Applications, 2019, 12, 255-265.	1.5	15
52	Annotated checklist for stony corals of American SÄmoa with reference to mesophotic depth records. ZooKeys, 2019, 849, 1-170.	0.5	5
53	Molecular and morphological congruence of three new crypticNeopetrosiaspp. in the Caribbean. PeerJ, 2019, 7, e6371.	0.9	7
54	Shared genomic outliers across two divergent population clusters of a highly threatened seagrass. PeerJ, 2019, 7, e6806.	0.9	29

#	Article	IF	Citations
55	A behavioral and genetic study of multiple paternity in a polygamous marine invertebrate, Octopus oliveri. PeerJ, 2019, 7, e6927.	0.9	8
56	Hawaiian green turtles graze on bioeroding sponges at Maunalua Bay, Oâ€˜ahu, Hawaiâ€˜i. Galaxea, 2019, 21, 3-4.	0.2	2
57	Critical Information Gaps Impeding Understanding of the Role of Larval Connectivity Among Coral Reef Islands in an Era of Global Change. Frontiers in Marine Science, 2018, 5, .	1.2	18
58	A comparison of mitochondrial genomes from five species in three genera suggests polyphyly in the subfamily Achatinellinae (Gastropoda: Pulmonata: Stylommatophora: Achatinellidae). Mitochondrial DNA Part B: Resources, 2018, 3, 611-612.	0.2	5
59	High-frequency temperature variability mirrors fixed differences in thermal limits of the massive coral Porites lobata (Dana, 1846). Journal of Experimental Biology, 2018, 221, .	0.8	36
60	Divergence times in demosponges (Porifera): first insights from new mitogenomes and the inclusion of fossils in a birth-death clock model. BMC Evolutionary Biology, 2018, 18, 114.	3.2	49
61	Complex signatures of genomic variation of two non-model marine species in a homogeneous environment. BMC Genomics, 2018, 19, 347.	1.2	21
62	The first Hawaiâ€˜i workshop for coral restoration & nurseries. Marine Policy, 2018, 96, 133-135.	1.5	4
63	A linked land-sea modeling framework to inform ridge-to-reef management in high oceanic islands. PLoS ONE, 2018, 13, e0193230.	1.1	47
64	A simple molecular technique for distinguishing species reveals frequent misidentification of Hawaiian corals in the genus Pocillopora. PeerJ, 2018, 6, e4355.	0.9	34
65	The little shrimp that could: phylogeography of the circumtropical Stenopus hispidus (Crustacea: Decapoda), reveals divergent Atlantic and Pacific lineages. PeerJ, 2018, 6, e4409.	0.9	11
66	Geopolitical species revisited: genomic and morphological data indicate that the roundtail chubGila robustaspecies complex (Teleostei, Cyprinidae) is a single species. PeerJ, 2018, 6, e5605.	0.9	8
67	Modeled larval connectivity of a multi-species reef fish and invertebrate assemblage off the coast of Molokaâ€˜i, Hawaiâ€˜i. PeerJ, 2018, 6, e5688.	0.9	5
68	Coral reef grazer-benthos dynamics complicated by invasive algae in a small marine reserve. Scientific Reports, 2017, 7, 43819.	1.6	26
69	Species boundaries in the absence of morphological, ecological or geographical differentiation in the Red Sea octocoral genus Ovabunda (Alcyonacea: Xeniidae). Molecular Phylogenetics and Evolution, 2017, 112, 174-184.	1.2	53
70	Lifeâ€history predicts past and present population connectivity in two sympatric sea stars. Ecology and Evolution, 2017, 7, 3916-3930.	0.8	17
71	Coral hybridization or phenotypic variation? Genomic data reveal gene flow between Porites lobata and P. Compressa. Molecular Phylogenetics and Evolution, 2017, 111, 132-148.	1.2	59
72	Connecting Palauâ€™s marine protected areas: a population genetic approach to conservation. Coral Reefs, 2017, 36, 735-748.	0.9	12

#	Article	IF	Citations
73	Scaling Up Restoration Efforts in the Pacific Islands: A Call for Clear Management Objectives, Targeted Research to Minimize Uncertainty, and Innovative Solutions to a Wicked Problem. Pacific Science, 2017, 71, 391-399.	0.2	7
74	Disentangling the relative merits and disadvantages of parentage analysis and assignment tests for inferring population connectivity. ICES Journal of Marine Science, 2017, 74, 1749-1762.	1.2	24
75	A genomic glance through the fog of plasticity and diversification in Pocillopora. Scientific Reports, 2017, 7, 5991.	1.6	87
76	Plasticity or chimerism? Color polymorphism in <i>Montipora verrilli /</i> <i>M. patula</i>. Galaxea, 2017, 19, 33-34.	0.2	2
77	Coral calcification mechanisms facilitate adaptive responses to ocean acidification. Proceedings of the Royal Society B: Biological Sciences, 2017, 284, 20172117.	1.2	70
78	The Genomic Observatories Metadatabase (GeOMe): A new repository for field and sampling event metadata associated with genetic samples. PLoS Biology, 2017, 15, e2002925.	2.6	72
79	Clone wars: asexual reproduction dominates in the invasive range ofTubastraeaspp. (Anthozoa:) Tj ETQq1 1 0.784314 rgBT /Ov	0.9	37
80	The implementation of rare events logistic regression to predict the distribution of mesophotic hard corals across the main Hawaiian Islands. PeerJ, 2016, 4, e2189.	0.9	9
81	Modeled Population Connectivity across the Hawaiian Archipelago. PLoS ONE, 2016, 11, e0167626.	1.1	27
82	Temporal and spatial trends in prey composition of wahoo Acanthocybium solandri: a diet analysis from the central North Pacific Ocean using visual and <scp>DNA</scp> barâ€coding techniques. Journal of Fish Biology, 2016, 88, 1501-1523.	0.7	14
83	Testing dispersal limits in the sea: rangeâ€wide phylogeography of the pronghorn spiny lobster Panulirus penicillatus. Journal of Biogeography, 2016, 43, 1032-1044.	1.4	32
84	The complete mitochondrial genome of the lobe coral Porites lobata (Anthozoa: Scleractinia) sequenced using ezRAD. Mitochondrial DNA Part B: Resources, 2016, 1, 247-249.	0.2	16
85	The DNA of coral reef biodiversity: predicting and protecting genetic diversity of reef assemblages. Proceedings of the Royal Society B: Biological Sciences, 2016, 283, 20160354.	1.2	45
86	Comparative phylogeography of the ocean planet. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 7962-7969.	3.3	190
87	The complete mitochondrial genome of Achatinella mustelina (Gastropoda: Pulmonata:) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50	0.2	8
88	The complete mitochondrial genome of Achatinella sowerbyana (Gastropoda: Pulmonata:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 142 Td	0.2	6
89	Ecological and genetic variation in reef-building corals on four Society Islands. Limnology and Oceanography, 2016, 61, 543-557.	1.6	27
90	On the origin of endemic species in the Red Sea. Journal of Biogeography, 2016, 43, 13-30.	1.4	133

#	Article	IF	Citations
91	A review of contemporary patterns of endemism for shallow water reef fauna in the Red Sea. Journal of Biogeography, 2016, 43, 423-439.	1.4	150
92	An assessment of shallow and mesophotic reef brachyuran crab assemblages on the south shore of Oâ€˜ahu, Hawaiâ€˜i. Coral Reefs, 2016, 35, 103-112.	0.9	31
93	A decade of seascape genetics: contributions to basic and applied marine connectivity. Marine Ecology - Progress Series, 2016, 554, 1-19.	0.9	229
94	Population genetic structure between Yap and Palau for the coralAcropora hyacinthus. PeerJ, 2016, 4, e2330.	0.9	10
95	Growing coral larger and faster: micro-colony-fusion as a strategy for accelerating coral cover. PeerJ, 2015, 3, e1313.	0.9	94
96	Clues to unraveling the coral species problem: distinguishing species from geographic variation inPoritesacross the Pacific with molecular markers and microskeletal traits. PeerJ, 2015, 3, e751.	0.9	43
97	The unnatural history of KÄneâ€˜ohe Bay: coral reef resilience in the face of centuries of anthropogenic impacts. PeerJ, 2015, 3, e950.	0.9	112
98	Could polyp pulsation be the key to species boundaries in the genus Ovabunda (Octocorallia:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 462	1.0	9
99	Demystifying computer science for molecular ecologists. Molecular Ecology, 2015, 24, 2619-2640.	2.0	6
100	Cryptic species obscure introduction pathway of the blue Caribbean sponge (Haliclona(Soestella)caerulea), (order: Haplosclerida) to Palmyra Atoll, Central Pacific. PeerJ, 2015, 3, e1170.	0.9	11
101	Survivorship and feeding preferences among size classes of outplanted sea urchins,Tripneustes gratilla, and possible use as biocontrol for invasive alien algae. PeerJ, 2015, 3, e1235.	0.9	38
102	First description of hatchlings and eggs ofOctopus oliveri(Berry, 1914) (Cephalopoda: Octopodidae). Molluscan Research, 2014, 34, 79-83.	0.2	5
103	A revision of the octocoral genus Ovabunda (Alderslade, 2001) (Anthozoa, Octocorallia, Xeniidae). ZooKeys, 2014, 373, 1-41.	0.5	18
104	The application of genetics to marine management and conservation: examples from the Indo-Pacific. Bulletin of Marine Science, 2014, 90, 123-158.	0.4	78
105	The scope of published population genetic data for Indo-Pacific marine fauna and future research opportunities in the region. Bulletin of Marine Science, 2014, 90, 47-78.	0.4	44
106	Comparative population structure of two edible Indo-Pacific coral reef sea cucumbers (Echinodermata: Holothuroidea). Bulletin of Marine Science, 2014, 90, 359-378.	0.4	10
107	Discordant population expansions in four species of coralâ€associated Pacific hermit crabs (Anomura:) Tj ETQq1 1 0.784314 rgBT /Ov 2014, 41, 339-352.	1.4	7
108	The founding charter of the Genomic Observatories Network. GigaScience, 2014, 3, 2.	3.3	51

#	Article	IF	Citations
109	Archaeological Evidence of Validity of Fish Populations on Unexploited Reefs as Proxy Targets for Modern Populations. Conservation Biology, 2014, 28, 1322-1330.	2.4	7
110	Phylogeography unplugged: comparative surveys in the genomic era. Bulletin of Marine Science, 2014, 90, 13-46.	0.4	86
111	Largeâ€scale introduction of the <scp>I</scp>ndoâ€<scp>P</scp>acific damselfish Abudefduf vaigiensis into <scp>H</scp>awai'i promotes genetic swamping of the endemic congener A.Âabdominalis. Molecular Ecology, 2014, 23, 5552-5565.	2.0	49
112	Demystifying the <scp>RAD</scp> fad. Molecular Ecology, 2014, 23, 5937-5942.	2.0	199
113	Emergent patterns of population genetic structure for a coral reef community. Molecular Ecology, 2014, 23, 3064-3079.	2.0	94
114	Extreme phenotypic polymorphism in the coral genus <I>Pocillopora;</I> micro-morphology corresponds to mitochondrial groups, while colony morphology does not. Bulletin of Marine Science, 2014, 90, 211-231.	0.4	52
115	Regional population structure of <I>Montipora capitata</I> across the Hawaiian Archipelago. Bulletin of Marine Science, 2014, 90, 257-275.	0.4	32
116	After the gold rush: population structure of spiny lobsters in Hawaii following a fishery closure and the implications for contemporary spatial management. Bulletin of Marine Science, 2014, 90, 331-357.	0.4	9
117	Evolving coral reef conservation with genetic information. Bulletin of Marine Science, 2014, 90, 159-185.	0.4	89
118	Intraspecific fluorescent phenotypes in Montipora capitata. Galaxea, 2014, 16, 17-18.	0.2	1
119	A taxonomic survey of Saudi Arabian Red Sea octocorals (Cnidaria: Alcyonacea). Marine Biodiversity, 2013, 43, 279-291.	0.3	25
120	One size does not fit all: The emerging frontier in large-scale marine conservation. Marine Pollution Bulletin, 2013, 77, 7-10.	2.3	131
121	Very fine-scale population genetic structure of sympatric asterinid sea stars with benthic and pelagic larvae: influence of mating system and dispersal potential. Biological Journal of the Linnean Society, 2013, 108, 821-833.	0.7	31
122	The origins of tropical marine biodiversity. Trends in Ecology and Evolution, 2013, 28, 359-366.	4.2	377
123	The evolving male: spinner dolphin (<scp>S</scp>tenella longirostris) ecotypes are divergent at <scp>Y</scp> chromosome but not mt<scp>DNA</scp> or autosomal markers. Molecular Ecology, 2013, 22, 2408-2423.	2.0	27
124	Next-Generation Sequencing for High-Throughput Molecular Ecology: A Step-by-Step Protocol for Targeted Multilocus Genotyping by Pyrosequencing. Methods in Molecular Biology, 2013, 1006, 89-99.	0.4	4
125	Optimizing Selection of Microsatellite Loci from 454 Pyrosequencing via Post-sequencing Bioinformatic Analyses. Methods in Molecular Biology, 2013, 1006, 101-120.	0.4	3
126	Combined analyses of kinship and F_{ST} suggest potential drivers of chaotic genetic patchiness in high geneâ€flow populations. Molecular Ecology, 2013, 22, 3476-3494.	2.0	132

#	Article	IF	Citations
127	Population structure in the native range predicts the spread of introduced marine species. Proceedings of the Royal Society B: Biological Sciences, 2013, 280, 20130409.	1.2	31
128	Shallow gene pools in the high intertidal: extreme loss of genetic diversity in viviparous sea stars () Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	1.0	12
129	ezRAD: a simplified method for genomic genotyping in non-model organisms. PeerJ, 2013, 1, e203.	0.9	184
130	Biological and Physical Interactions on a Tropical Island Coral Reef: Transport and Retention Processes on Moorea, French Polynesia. Oceanography, 2013, 26, 52-63.	0.5	61
131	Genetic Evidence for Regional Isolation of Pocillopora Corals from Moorea. Oceanography, 2013, 26, 153-155.	0.5	23
132	Microsatellites for Next-Generation Ecologists: A Post-Sequencing Bioinformatics Pipeline. PLoS ONE, 2013, 8, e55990.	1.1	49
133	An Invasive Fish and the Time-Lagged Spread of Its Parasite across the Hawaiian Archipelago. PLoS ONE, 2013, 8, e56940.	1.1	33
134	Buffer Capacity, Ecosystem Feedbacks, and Seawater Chemistry under Global Change. Water (Switzerland), 2013, 5, 1303-1325.	1.2	48
135	Polyphyly and hidden species among HawaiÊ»iâ€™s dominant mesophotic coral genera,LeptoserisandPavona(Scleractinia: Agariciidae). PeerJ, 2013, 1, e132.	0.9	43
136	Between tide and wave marks: a unifying model of physical zonation on littoral shores. PeerJ, 2013, 1, e154.	0.9	26
137	Growth of cultured giant clams (Tridacnaspp.) in low pH, high-nutrient seawater: species-specific effects of substrate and supplemental feeding under acidification. Journal of the Marine Biological Association of the United Kingdom, 2012, 92, 731-740.	0.4	23
138	Spatial variability in growth and prey availability of lobsters in the northwestern Hawaiian Islands. Marine Ecology - Progress Series, 2012, 449, 211-220.	0.9	12
139	Coming out of the starting blocks: extended lag time rearranges genetic diversity in introduced marine fishes of Hawaiâ€˜i. Proceedings of the Royal Society B: Biological Sciences, 2012, 279, 3948-3957.	1.2	22
140	Next-Generation Phylogeography: A Targeted Approach for Multilocus Sequencing of Non-Model Organisms. PLoS ONE, 2012, 7, e34241.	1.1	39
141	Coral farming: effects of light, water motion and artificial foods. Journal of the Marine Biological Association of the United Kingdom, 2012, 92, 721-729.	0.4	22
142	The Biology and Ecology of Black Corals (Cnidaria: Anthozoa: Hexacorallia: Antipatharia). Advances in Marine Biology, 2012, 63, 67-132.	0.7	105
143	Molecular Delineation of Species in the Coral Holobiont. Advances in Marine Biology, 2012, 63, 1-65.	0.7	58
144	Extraordinarily rapid life-history divergence between Cryptasterina sea star species. Proceedings of the Royal Society B: Biological Sciences, 2012, 279, 3914-3922.	1.2	45

#	Article	IF	Citations
145	Sexual reproduction of the Hawaiian black coral Antipathes griggi (Cnidaria: Antipatharia). Coral Reefs, 2012, 31, 795-806.	0.9	10
146	Global Phylogeography with Mixed-Marker Analysis Reveals Male-Mediated Dispersal in the Endangered Scalloped Hammerhead Shark (Sphyrna lewini). PLoS ONE, 2012, 7, e29986.	1.1	123
147	Sympatric Speciation in the Post â€œModern Synthesisâ€•Era of Evolutionary Biology. Evolutionary Biology, 2012, 39, 158-180.	0.5	89
148	Common misconceptions in molecular ecology: echoes of the modern synthesis. Molecular Ecology, 2012, 21, 4171-4189.	2.0	120
149	There's No Place Like Home: Crown-of-Thorns Outbreaks in the Central Pacific Are Regionally Derived and Independent Events. PLoS ONE, 2012, 7, e31159.	1.1	53
150	On the status of the Hawaiian seahorsesHippocampus hilonis,H. histrixandH. fisheri(Syngnathidae). Marine Biology Research, 2011, 7, 701-709.	0.3	5
151	New Records of Commercially Valuable Black Corals (Cnidaria: Antipatharia) from the Northwestern Hawaiian Islands at Mesophotic Depths. Pacific Science, 2011, 65, 249-255.	0.2	11
152	Coastal pollution limits pelagic larval dispersal. Nature Communications, 2011, 2, 226.	5.8	56
153	Marine connectivity: a new look at pelagic larval duration and genetic metrics of dispersal. Marine Ecology - Progress Series, 2011, 436, 291-305.	0.9	307
154	Discordant Phylogeographic and Biogeographic Breaks in California Halibut. Bulletin (Southern) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 38	0.1	2
155	Widespread Dispersal of the Crown-of-Thorns Sea Star,Acanthaster planci, across the Hawaiian Archipelago and Johnston Atoll. Journal of Marine Biology, 2011, 2011, 1-10.	1.0	23
156	Defining Boundaries for Ecosystem-Based Management: A Multispecies Case Study of Marine Connectivity across the Hawaiian Archipelago. Journal of Marine Biology, 2011, 2011, 1-13.	1.0	116
157	Genetic Analyses and Simulations of Larval Dispersal Reveal Distinct Populations and Directional Connectivity across the Range of the Hawaiian Grouper (Epinephelus quernus). Journal of Marine Biology, 2011, 2011, 1-11.	1.0	23
158	Gateways to Hawaiâ€˜i: Genetic Population Structure of the Tropical Sea CucumberHolothuria atra. Journal of Marine Biology, 2011, 2011, 1-16.	1.0	35
159	Variation in Symbiodinium ITS2 Sequence Assemblages among Coral Colonies. PLoS ONE, 2011, 6, e15854.	1.1	101
160	Detecting and measuring genetic differentiation. Crustacean Issues, 2011, , 31-55.	0.9	86
161	Phylogeography of Emerita analoga (Crustacea, Decapoda, Hippidae), an eastern Pacific Ocean sand crab with long-lived pelagic larvae. Journal of Biogeography, 2011, 38, 1600-1612.	1.4	34
162	Diversification of sympatric broadcast-spawning limpets (Cellana spp.) within the Hawaiian archipelago. Molecular Ecology, 2011, 20, 2128-2141.	2.0	79

#	Article	IF	Citations
163	Range-Wide Genetic Connectivity of the Hawaiian Monk Seal and Implications for Translocation. Conservation Biology, 2011, 25, 124-132.	2.4	17
164	Sexual reproduction of Hawaiian black corals, with a review of the reproduction of antipatharians (Cnidaria: Anthozoa: Hexacorallia). Invertebrate Biology, 2011, 130, 211-225.	0.3	25
165	Preservation of corals in salt-saturated DMSO buffer is superior to ethanol for PCR experiments. Coral Reefs, 2011, 30, 329-333.	0.9	63
166	Azooxanthellate? Most Hawaiian black corals contain Symbiodinium. Proceedings of the Royal Society B: Biological Sciences, 2011, 278, 1323-1328.	1.2	39
167	Inter-Specific Coral Chimerism: Genetically Distinct Multicellular Structures Associated with Tissue Loss in Montipora capitata. PLoS ONE, 2011, 6, e22869.	1.1	27
168	Escaping paradise: larval export from Hawaii in anÂIndo-Pacific reef fish, the yellow tang Zebrasoma flavescens. Marine Ecology - Progress Series, 2011, 428, 245-258.	0.9	55
169	Genetic evaluation of marine biogeographical barriers: perspectives from two widespread Indoâ€Pacific snappers (Lutjanus kasmira and Lutjanus fulvus). Journal of Biogeography, 2010, 37, 133-147.	1.4	161
170	Community ecology of mesophotic coral reef ecosystems. Coral Reefs, 2010, 29, 255-275.	0.9	386
171	Development of microsatellite markers from four Hawaiian corals: Acropora cytherea, Fungia scutaria, Montipora capitata and Porites lobata. Conservation Genetics Resources, 2010, 2, 11-15.	0.4	21
172	Isolation and characterization of microsatellite markers for the Crimson Jobfish, Pristipomoides filamentosus (Lutjanidae). Conservation Genetics Resources, 2010, 2, 169-172.	0.4	14
173	Rolling stones and stable homes: social structure, habitat diversity and population genetics of the Hawaiian spinner dolphin (Stenella longirostris). Molecular Ecology, 2010, 19, 732-748.	2.0	92
174	Genetic consequences of introducing allopatric lineages of Bluestriped Snapper (Lutjanus kasmira) to Hawaii. Molecular Ecology, 2010, 19, 1107-1121.	2.0	37
175	Protein expression and genetic structure of the coralPorites lobatain an environmentally extreme Samoan back reef: does host genotype limit phenotypic plasticity?. Molecular Ecology, 2010, 19, 1705-1720.	2.0	199
176	Taking the chaos out of genetic patchiness: seascape genetics reveals ecological and oceanographic drivers of genetic patterns in three temperate reef species. Molecular Ecology, 2010, 19, 3708-3726.	2.0	252
177	Isolation by distance across the Hawaiian Archipelago in the reefâ€building coralPorites lobata. Molecular Ecology, 2010, 19, 4661-4677.	2.0	54
178	Ocean currents help explain population genetic structure. Proceedings of the Royal Society B: Biological Sciences, 2010, 277, 1685-1694.	1.2	398
179	Is multiple mating beneficial or unavoidable? Low multiple paternity and genetic diversity in the shortspine spurdog Squalus mitsukurii. Marine Ecology - Progress Series, 2010, 403, 255-267.	0.9	63
180	Using morphometrics, in situ observations and genetic characters to distinguish among commercially valuable Hawaiian black coral species; a redescription of Antipathes grandis Verrill, 1928 (Antipatharia:Antipathidae). Invertebrate Systematics, 2010, 24, 271.	0.5	28

#	Article	IF	Citations
181	Resurrection of Porites hawaiiensis Vaughan, 1907; a Hawaiian coral obscured by small size, cryptic habitat, and confused taxonomy. Zootaxa, 2010, 2624, .	0.2	6
182	Ecomorph or Endangered Coral? DNA and Microstructure Reveal Hawaiian Species Complexes: Montipora dilatata/flabellata/turgescens & M. patula/verrilli. PLoS ONE, 2010, 5, e15021.	1.1	56
183	Resolving natural ranges and marine invasions in a globally distributed octocoral (genus Carijoa). Marine Ecology - Progress Series, 2010, 401, 113-127.	0.9	55
184	Observations on the life history and feeding ecology of a specialized nudibranch predator (Phyllodesmium poindimiei), with implications for biocontrol of an invasive octocoral (Carijoa riisei) in Hawaii. Journal of Experimental Marine Biology and Ecology, 2009, 372, 64-74.	0.7	26
185	Shape-shifting corals: Molecular markers show morphology is evolutionarily plastic in Porites. BMC Evolutionary Biology, 2009, 9, 45.	3.2	183
186	Characterization of eight polymorphic microsatellite loci for the California spiny lobster, Panulirus interruptus and cross-amplification in other achelate lobsters. Conservation Genetics Resources, 2009, 1, 193-197.	0.4	10
187	A map of human impacts to a â€œpristineâ€• coral reef ecosystem, the PapahÄ•naumokuÄ•kea Marine National Monument. Coral Reefs, 2009, 28, 635-650.	0.9	111
188	Endemism and dispersal: comparative phylogeography of three surgeonfishes across the Hawaiian Archipelago. Marine Biology, 2009, 156, 689-698.	0.7	65
189	Generalist dinoflagellate endosymbionts and host genotype diversity detected from mesophotic (67-100 m depths) coral Leptoseris. BMC Ecology, 2009, 9, 21.	3.0	29
190	DISCORDANT DISTRIBUTION OF POPULATIONS AND GENETIC VARIATION IN A SEA STAR WITH HIGH DISPERSAL POTENTIAL. Evolution; International Journal of Organic Evolution, 2009, 63, 3214-3227.	1.1	55
191	Population genetics, larval dispersal, and connectivity in marine systems. Marine Ecology - Progress Series, 2009, 393, 1-12.	0.9	442
192	An alternative to ITS, a hypervariable, single-copy nuclear intron in corals, and its use in detecting cryptic species within the octocoral genus Carijoa. Coral Reefs, 2008, 27, 323-336.	0.9	52
193	Evaluating anthropogenic threats to the Northwestern Hawaiian Islands. Aquatic Conservation: Marine and Freshwater Ecosystems, 2008, 18, 1149-1165.	0.9	32
194	Isolation and characterization of polymorphic microsatellite and COI loci from the whelk Kelletia kelletii. Molecular Ecology Resources, 2008, 8, 881-883.	2.2	6
195	Extremely Low Genetic Diversity in the Endangered Hawaiian Monk Seal (Monachus schauinslandi). Journal of Heredity, 2008, 100, 25-33.	1.0	57
196	Isolation and characterization of polymorphic microsatellite and COI loci from the whelk Kelletia kelletii. Molecular Ecology Resources, 2008, .	2.2	0
197	An Evaluation of Cryptic Lineages of Idotea Balthica (Isopoda: Idoteidae): Morphology and Microsatellites. Journal of Crustacean Biology, 2007, 27, 643-648.	0.3	7
198	Host shift and speciation in a coral-feeding nudibranch. Proceedings of the Royal Society B: Biological Sciences, 2007, 274, 111-119.	1.2	76

#	Article	IF	Citations
199	Frequency of multiple paternity in an unexploited tropical population of sandbar sharks (Carcharhinus plumbeus). Canadian Journal of Fisheries and Aquatic Sciences, 2007, 64, 198-204.	0.7	44
200	Contrasting phylogeography in three endemic Hawaiian limpets (Cellana spp.) with similar life histories. Molecular Ecology, 2007, 16, 3173-3186.	2.0	123
201	New report of nudibranch predators of the invasive octocoral Carijoa riisei in the Main Hawaiian Islands. Coral Reefs, 2007, 26, 411-411.	0.9	4
202	If larvae were smart: a simple model for optimal settlement behavior of competent larvae. Marine Ecology - Progress Series, 2007, 349, 43-61.	0.9	18
203	Spatial variability of recruitment in the sand crab Emerita analoga throughout California in relation to wind-driven currents. Marine Ecology - Progress Series, 2007, 350, 1-17.	0.9	27
204	Microsatellites for ecologists: a practical guide to using and evaluating microsatellite markers. Ecology Letters, 2006, 9, 615-629.	3.0	1,217
205	Noncoding mitochondrial loci for corals. Molecular Ecology Notes, 2006, 6, 1208-1211.	1.7	25
206	Assessment of multiple paternity in single litters from three species of carcharhinid sharks in Hawaii. Environmental Biology of Fishes, 2006, 76, 419-424.	0.4	46
207	Mitochondrial DNA and population size. Science, 2006, 314, 1388-90; author reply 1388-90.	6.0	3
208	Conservation implications of complex population structure: lessons from the loggerhead turtle (Caretta caretta). Molecular Ecology, 2005, 14, 2389-2402.	2.0	185
209	FOUNDATIONS OF GREGARIOUSNESS IN BARNACLES. Journal of Experimental Biology, 2005, 208, 1773-1774.	0.8	2
210	An experimental comparison of sediment-based biological filtration designs for recirculating aquarium systems. Aquaculture, 2005, 250, 244-255.	1.7	7
211	Genetic evidence of multiple paternity of broods in the intertidal crab Petrolisthes cinctipes. Marine Ecology - Progress Series, 2004, 270, 259-263.	0.9	47
212	Isolation and characterization of polymorphic microsatellite loci from the Dungeness crab Cancer magister. Molecular Ecology Notes, 2003, 4, 30-32.	1.7	11
213	FOUNDATIONS OF GREGARIOUSNESS: A DISPERSAL POLYMORPHISM AMONG THE PLANKTONIC LARVAE OF A MARINE INVERTEBRATE. Evolution; International Journal of Organic Evolution, 2001, 55, 2439.	1.1	17
214	FOUNDATIONS OF GREGARIOUSNESS: A DISPERSAL POLYMORPHISM AMONG THE PLANKTONIC LARVAE OF A MARINE INVERTEBRATE. Evolution; International Journal of Organic Evolution, 2001, 55, 2439-2454.	1.1	66
215	Settlement of the gregarious tube worm Hydroides dianthus (Polychaeta: Serpulidae). I. Gregarious and nongregarious settlement. Marine Ecology - Progress Series, 2001, 224, 103-114.	0.9	38
216	Settlement of the gregarious tube worm Hydroides dianthus (Polychaeta: Serpulidae). II. Testing the desperate larva hypothesis. Marine Ecology - Progress Series, 2001, 224, 115-131.	0.9	57

#	Article	IF	Citations
217	Increased throughput for fragment analysis on an ABI PRISM 377 automated sequencer using a membrane comb and STRand software. BioTechniques, 2001, 31, 1320-4.	0.8	214
218	Settlement of the tube worm Hydroides dianthus (Polychaeta: Serpulidae): cues for gregarious settlement. Marine Biology, 1996, 126, 725-733.	0.7	66
219	Defenses of Caribbean sponges against predatory reef fish. I. Chemical deterrency. Marine Ecology - Progress Series, 1995, 127, 183-194.	0.9	330
220	Foundations of gregariousness. Nature, 1994, 370, 511-512.	13.7	108
221	Limitations of laboratory assessments of coelenterate predation: Container effects on the prey selection of the Limnomedusa, Proboscidactyla Flavicirrata (Brandt). Journal of Experimental Marine Biology and Ecology, 1993, 167, 215-235.	0.7	26
222	Phylogenomics of Palythoa (Hexacorallia:ÂZoantharia): probing species boundaries in a globally distributed genus. Coral Reefs, 0, , 1.	0.9	2
223	Fish Flow: following fisheries from spawning to supper. Frontiers in Ecology and the Environment, 0, , .	1.9	3
224	Nitric oxide production rather than oxidative stress and cell death is associated with the onset of coral bleaching in Pocillopora acuta. PeerJ, 0, 10, e13321.	0.9	3
225	Coral micro-fragmentation assays for optimizing active reef restoration efforts. PeerJ, 0, 10, e13653.	0.9	4